



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3678-5
Job Sheet 203052



Part No: D3678-5

Job Qty: 12 pcs

Part Name: Placard



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/8/19

Job Tracking No:

Created By: Chantal Lavoie

Due Date: 11/22/19

Description:

Note: DWG D3678 REV D IPP Rev:A 16.06.21 NEW ISSUE DD Verf:JLM IPP REV: B 16.12.12 AS PER DWG
REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Lead Time	Sign-off
100	Purchasing	12		11/22/19	0.00	0.00	Purchasing - 1		
	NOV 07 2019	pcs					Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	12		11/22/19	0.00	0.00	Packaging 2 - 1 - B4B		NOV 18 2019
		pcs					Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		NOV 19 2019
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S232994



Part: D3678-5

Job No: 203052

Serial No/Batch: S232994

Revision: D

Inspector:

Exp Date: 11/19/2020

Instructions: Various STC's

Date: 11/19/19

Plex 11/8/19 7:40 AM Dart.Lavoie.Chantal

					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
120	QC 6	12 pcs	11/22/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
130	Packaging 3-1 - Stock - B4B	12 pcs	11/22/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
140	QC 21 - SA	12 pcs	11/22/19	0.00 0.00	QC 21 - SA - 21	

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JAN 07 2020

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ST049

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JAN 08 2020

QC 21 - SA - 70

QC 21 - SA - 53

Part Op 100 - (Purchasing) Issue PO _____ Manufacture as per dwg C OF C IS REQUIRED
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs)
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3678-5P	Placard	12 pcs (1 ea)	100-Purchasing	S232984

ex @ DATE: 11/19/2019

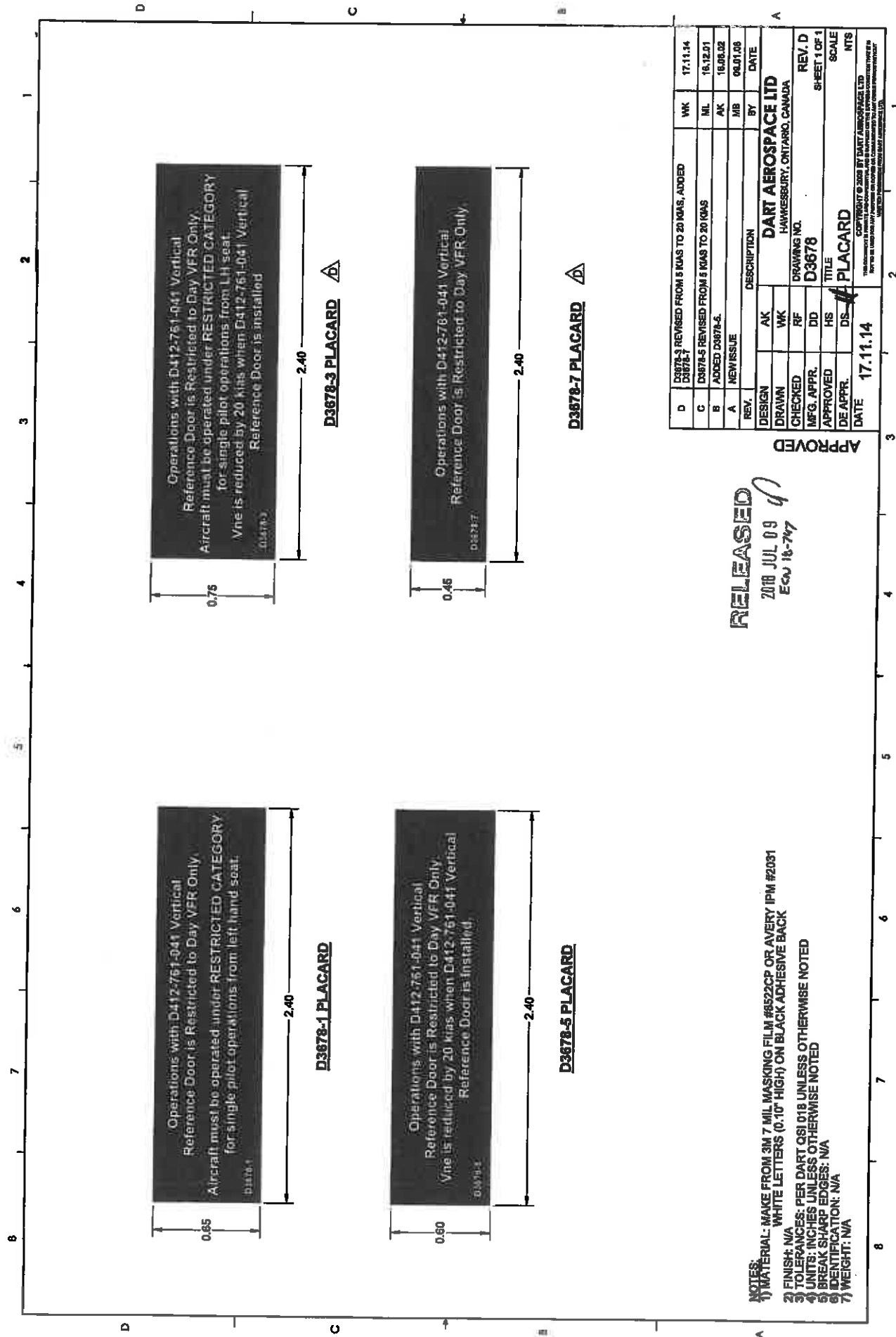
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D3678-5P	12	0	0

Part Specifications

Specifications could not be found.

Plex 11/8/19 7:40 AM Dart.Lavoie.Chantal



NOTES:

- 1) MATERIAL: MAKE FROM 3M 7 MIL MASKING FILM #8522CP OR AVERY IPM #2031 WHITE LETTERS (0.10" HIGH) ON BLACK ADHESIVE BACK
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART Q81 Q18 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

RELEASED
2018 JUL 09
ECW 18-747

D	D3678-3 REVISED FROM 5 KIAS TO 20 KIAS, ADDED D3678-7	WK	17.11.14
C	D3678-5 REVISED FROM 5 KIAS TO 20 KIAS	ML	19.12.01
B	ADDED D3678-6	AK	19.08.02
A	NEW ISSUE	MB	09.01.03
REV.	DESCRIPTION	BY	DATE
DESIGN	AK		
DRAWN	WK		
CHECKED	RF		
MFG. APPR.	DD		
APPROVED	HS		
DE APPR.	DS		
DATE	17.11.14		

APPROVED

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3678**

REV. **D**

SHEET 1 OF 1

PLACARD

SCALE **NTS**

DATE **17.11.14**

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045043



Supplier: STU002-VC
Studio de Lettrage 2001
210 Main West
Hawkesbury
ON
K6A 2H6 Canada
Phone: 613 632 5449
Fax: 613 632 9491

Attention: Grace, Batista

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045043

PO Date: 11/8/19

Due Date: 11/20/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

NOV 08 2019

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	203052	D3678-5P	D3678			Placard : AS PER DWG D3678 REV. D	Firmed	-	11/20/19	12 pcs	0 pcs	12 pcs	\$6.6666/pcs	\$80.00
							X12		NOV 19 2019				OP	
2	203049	D4166-1P	D4166			Placard, Max Load : AS PER DWG D4166 REV. C	Firmed	-	11/20/19	12 Ea	0 Ea	12 Ea	\$6.6666/Ea	\$80.00
							X12		NOV 19 2019				OP	
Grand Total:													\$160.00	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

Plex 11/8/19 10:41 AM Dart.Lavoie.Chantal

Studio SL2

210 Main West
Hawkesbury, Ontario K6A 2H6
Canada

INVOICE

Invoice No.: 48893
Date: 11/14/2019
Ship Date:
Page: 1
Re: Order No.

Sold to:**Dart Aerospace Ltd**

1270 Aberdeen
Hawkesbury, Ontario
K6A 1K7

Ship to:**Dart Aerospace Ltd**

1270 Aberdeen
Hawkesbury, Ontario
K6A 1K7

Business No.: 825007651RT0001

Quantity	Description	Tax	Base Price	Disc %	Unit Price	Amount
12	D3678-5P.	H	6.6667		6.6667	80.00
12	D4166-1P.	H	6.6667		6.6667	80.00
	PO# HB045043 Attn: Chantal					
	Subtotal:					160.00
	H - HST HST					20.80
RECEIVED NOV 14 2019 DART AEROSPACE LTD.						
Studio SL2 HST: #HST						
Shipped By:		Tracking Number:			Total Amount	180.80
Comment: WO26286					Amount Paid	0.00
Sold By:					Amount Owning	180.80

***** CERTIFICATE of CONFORMITY*****

Manufacture:

Studio SL2

Purchase order #:

HB045043

Packing Slip#

WO#26286

Part #:

Drawing Rev:

Serial/Batch:

Description (Part Name):

D3678-SP, DH16-IP.

Quantity:

12, 12

Certification:

We hereby certify that:

PLEASE
CHECK
BOX IF
REQUIRED

1. The above listed items were manufactured and/or inspected in accordance with applicable supplied drawings and/or specifications. ☒
2. All work was accomplished in accordance with the Dart Aerospace Ltd. purchase order. ☒
3. Results of all inspections, chemical or physical test, as well as other evidence, which shows the acceptability of raw materials, parts and/or assembly components are on file and available for inspection at any time. ☒
4. All material certification or copies of purchase orders of the material used to manufacture this component have been attached to this document. ☒

Record Expiry Date of Materials: NOV 14, 20

Authority:

3m

Approval:

Valerie Young

Signature:

Valerie Young

Date: (yyyy/mm/dd)

2019/11/14

Title:

Office Admin.

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IJ35-10 IJ35-20

Quick Links

[3M Graphics Warranties](#)
[Technical Information Selector](#)
[Safety Data Sheets \(SDS\)](#)
[Flammability \(ASTM E84 Reports\)](#)
[Videos](#)

Product Description

- For Solvent, Eco-Solvent UV and Latex Inkjet Printing and Screen Printing
- 3.2-mil vinyl film

Product Features

- Available in gloss and matte finishes
- Pressure-sensitive adhesive
- Permanent
- Expected Performance Life of 5 years (unwarranted period for unprinted film with no graphic protection, applied to a flat, vertical, outdoor surface)

Recommended Types of Graphics and End Uses

- Short to long-term, indoor and outdoor promotional graphics
- Signs, trade show and point-of-purchase displays
- Exhibits and architectural applications

Graphic Protection

Graphic protection can improve the appearance, performance and durability of your graphic. Always use only the graphic protection options recommended in this Bulletin for this film.

- [3M™ Scotchcal™ Gloss Overlaminate 8508](#)
- [3M™ Scotchcal™ Luster Overlaminate 8509](#)
- [3M™ Scotchcal™ Matte Overlaminate 8510](#)

Characteristics

These are typical values for unprocessed product. Processing may change the values.

Physical Characteristics

Characteristic	Value
Material	Vinyl
Film Color	White, opaque
Thickness	Without adhesive: 3.25 mil (0.081 mm) With adhesive: 4.0 mil (0.102 mm)
Adhesive	Pressure sensitive
Adhesive Color	Gray
Liner	Polycoated paper
Flammability	ASTM E84 reports: IJ35-10 and IJ35-20 , or go to the On-line Product Catalog at 3Mgraphics.com

Factors that Affect Graphic Performance Life

The actual performance life of a graphic is affected by:

- the combinations of graphics materials used.
- complete ink drying or curing.
- selection, condition and preparation of the substrate.
- surface texture.
- application methods.
- angle and direction of sun exposure.
- environmental conditions.
- cleaning or maintenance methods.

Graphics Manufacturing



CAUTION

Before using any equipment, always read the manufacturer's instructions for safe operation.

Inkjet Printing

Always read and follow the ink manufacturer's written instructions on usage.

- **Sheeted film:** When used on a flat-bed inkjet printer, sheeted film may produce printing defects.
- **Ink limiting:** The recommended maximum ink limit is 250%.
- **If sheeted or stacked graphics will be stored:** If you plan to store sheeted and stacked finished graphics for an extended period of times, leave an unprinted margin (about 1/4 inch) to allow for possible shrinkage before trimming the graphic.

Do not exceed the recommended total ink coverage for the ink series used on this film. Having too high a total physical ink amount on the film results in media characteristic changes, incomplete drying, overlamine lifting, and/or poor graphic performance.

Completely Dry Graphics



IMPORTANT NOTE

Incomplete drying or curing can result in graphic failure including curling, increased shrinkage and adhesion failure, which are not covered under any 3M Graphic Warranty.

See the ink's 3M Product and Instruction Bulletin for more details.

Screen Printing

Formulations and processing conditions can affect ink durability. Refer to the Product and Instruction Bulletins for your ink for limitations and proper usage.

Cutting

See [3M Instruction Bulletin 4.1](#) for Sheeting, Scoring and Film Cutting details.

Graphic Protection

Graphic protection may improve the appearance, performance and durability of the graphic. Click on the graphic protection options listed in Product Bulletin or see the [3M Graphics Market Product Catalog](#) for more information.



IMPORTANT NOTE

During installation, scratches may occur on films without graphic protection.

Bulletin Change Summary

For the most current 3M Technical Information available to successfully use this product, please view this Bulletin electronically and click on the blue underlined links to view the relevant documents.

Release J, NOV-2016:

- Updated Thickness. See "Physical Characteristics" on page 1.

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